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A

FOURTEENTH ANNUAL REPORT

OF

THE TRUSTEES

OF THE

WORCESTER INSANE ASYLUM

AT

WORCESTER,

FOR THE

YEAR ENDING SEPTEMBER 30, 1891.

BOSTON :

WRIGHT & POTTER PRINTING CO., STATE PRINTERS,

18 POST OFFICE SQUARE.

1892.

OFFICERS OF THE ASYLUM.

TRUSTEES.

A. GEORGE BULLOCK,	.	.	.	.	.	.	WORCESTER.
THOMAS H. GAGE,	.	.	.	.	.	.	WORCESTER.
HENRY S. NOURSE,	.	.	.	.	.	.	LANCASTER.
ROCKWOOD HOAR,	.	.	.	.	.	.	WORCESTER.
FRANCIS C. LOWELL,	.	.	.	.	.	.	BOSTON.
ELLEN S. HALE,	.	.	.	.	.	.	BOSTON.
FRANCES M. LINCOLN,	.	.	.	.	.	.	WORCESTER.


RESIDENT OFFICERS.

ERNEST V. SCRIBNER, M.D.,	.	.	.	.	<i>Superintendent.</i>
HARTSTEIN W. PAGE, M.D.,	.	.	.	.	<i>Assistant Physician.</i>
CLARENCE R. MACOMBER,	<i>Clerk and Steward.</i>
SOPHIA N. GRAVES,	<i>Matron.</i>

WILLIAM SHERMAN,	<i>Engineer.</i>
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TREASURER.

ALBERT WOOD,	WORCESTER.
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Commonwealth of Massachusetts.

TRUSTEES' REPORT.

To His Excellency the Governor and the Honorable Council.

The trustees of the Worcester Lunatic Hospital, in charge of the Worcester Insane Asylum, respectfully submit their fourteenth annual report, together with the reports of the superintendent and treasurer.

Dr. Quinby left the asylum in November, to assume the superintendency of the hospital. During his service here he almost made over this old building, and he leaves it remodelled, furnished with modern sanitary appliances, and well adapted to all the requirements of such an institution. Dr. Ernest V. Scribner was chosen superintendent, to succeed Dr. Quinby. Dr. Scribner's thorough familiarity with the asylum and the work, acquired by several years of service as assistant physician, enabled him to take up the greater responsibility with every prospect of success, and this success has been fully attained. Dr. Hartstein W. Page became assistant physician Jan. 16, 1891.

The extensive improvements introduced when the buildings were rebuilt after the fire of January, 1890, have added much to the comfort of the patients. Some money has been spent in improvements outside of the buildings. The reservoir, from which the asylum receives its water, has been thoroughly cleaned and pipe connections renovated where needed. Our supply is now ample and entirely pure. New sewer connections with the city system in the adjoining streets have replaced the old ones. Changes of grade in the yard have been made, and other minor improvements. This

work has given employment to many of our able-bodied male patients, in fact, most of it has been done by them. We have had no acute disease prevalent during the year, and our death-rate has been favorable.

It was found necessary to expend more money in the reconstruction of the building after the fire of last year and in the equipment of the same than was appropriated by the Legislature, and the trustees have transferred temporarily to the account of the asylum five thousand dollars of the funds of the hospital. It is expected that there will be a moderate gain from month to month in the earnings of the asylum, so that the entire sum can be paid during the next two years.

A. G. BULLOCK.
THOMAS H. GAGE.
ROCKWOOD HOAR.
HENRY S. NOURSE.
FRANCIS C. LOWELL.
ELLEN S. HALE.
FRANCES M. LINCOLN.

OFFICERS AND THEIR SALARIES.

ERNEST V. SCRIBNER, M.D., <i>Superintendent</i> ,	\$2,000 00
HARTSTEIN W. PAGE, M.D., <i>Assistant Physician</i> ,	1,000 00
CLARENCE R. MACOMBER, <i>Clerk and Steward</i> ,	1,000 00
SOPHIA N. GRAVES, <i>Matron</i> ,	325 00
WILLIAM SHERMAN, <i>Engineer</i> ,	1,000 00
ALBERT WOOD, <i>Treasurer</i> ,	400 00

VALUE OF STOCK AND SUPPLIES,

OCT. 1, 1891.

Live stock,	\$425 00
Produce of the garden on hand,	1,500 00
Carriages and agricultural implements,	650 00
Machinery and mechanical fixtures,	9,000 00
Beds and bedding in inmates' department,	9,000 00
Other furniture in inmates' department,	3,000 00
Personal property of State in superintendent's department,	9,500 00
Ready-made clothing,	1,000 00
Dry goods,	1,200 00
Provisions and groceries,	2,000 00
Drugs and medicines,	350 00
Fuel,	2,500 00
Library,	500 00
Other supplies,	2,500 00
	<hr style="width: 20%; margin: auto;"/>
	\$43,125 00

TREASURER'S REPORT.

To the Trustees of the Worcester Insane Asylum.

LADIES AND GENTLEMEN:—I herewith submit my fourteenth annual report on the finances of the Worcester Insane Asylum for the year ending Sept. 30, 1891.

RECEIPTS.

Cash on hand Sept. 30, 1890:—

Cash belonging to asylum,	\$2,459 73	
Deposits of inmates,	900 13	
	<hr/>	\$3,359 86

Amounts received:—

From the Commonwealth, for support of patients,	\$17,768 48	
From cities and towns, for support of patients,	44,079 13	
From the Commonwealth, balance of special appropriation,	923 84	
From Worcester Lunatic Hospital, loan,	5,000 00	
From other sources,	553 24	
From inmates (on deposit),	225 15	
	<hr/>	68,549 84
		<hr/> <hr/>
		\$71,909 70

The expenditures for the year have been as follows:—

Salaries and wages,	\$21,430 42
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Provisions and supplies:—

Meats of all kinds,	\$3,272 17	
Fish of all kinds,	833 50	
Fruit and vegetables,	2,925 89	
Flour,	3,299 50	
Meal for table,	93 40	
Hay and grain,	194 28	
Tea and coffee,	546 07	
Sugar and molasses,	1,100 23	
Milk, butter and cheese,	7,058 55	
Salt and other groceries,	818 52	
All other provisions,	1,780 57	
	<hr/>	21,922 68
Clothing and material,	\$2,621 12	
Fuel,	4,863 55	
Lights,	1,184 40	
	<hr/>	
Amounts carried forward,	\$8,669 07	\$43,353 10

<i>Amounts brought forward,</i>	. . . . .	\$8,669 07	\$43,353 10
Medicine and medical supplies,	. . . . .	348 15	
Furniture and furnishings,	. . . . .	1,480 19	
Crockery,	. . . . .	627 59	
Beds and bedding,	. . . . .	1,101 80	
Transportation,	. . . . .	95 06	
Travelling,	. . . . .	40 00	
Trustees' expenses,	. . . . .	34 55	
Soap and water,	. . . . .	1,030 43	
Stationery,	. . . . .	114 58	
Repairs (ordinary),	. . . . .	3,000 00	
All other current expenses,	. . . . .	2,235 38	
		<hr/>	18,776 80
Total current expenses,	. . . . .		\$62,129 90
Repairs and improvements (extraordinary),	. . . . .	\$5,560 69	
Undertaking,	. . . . .	282 00	
Refunded inmates (on deposits),	. . . . .	69 48	
		<hr/>	5,912 17
Total amount expended,	. . . . .		\$68,042 07
Cash on hand Sept. 30, 1891,	. . . . .		3,867 63
			<hr/>
			\$71,909 70

RESOURCES.

Cash on hand,	. . . . .	\$3,867 63	
Due from the Commonwealth, for support,	. . . . .	5,593 68	
cities and towns,	. . . . .	14,276 98	
other sources,	. . . . .	486 97	
		<hr/>	\$24,225 26

LIABILITIES.

Due for supplies and expenses,	. . . . .	\$5,857 77	
for salaries and wages,	. . . . .	1,886 93	
inmates (cash on deposit),	. . . . .	1,055 80	
Worcester Lunatic Hospital (loan),	. . . . .	5,000 00	
		<hr/>	13,800 50
Total surplus,	. . . . .		\$10,424 76

Respectfully submitted,

ALBERT WOOD,

Treasurer.

WORCESTER, MASS., Oct. 1, 1891.

WORCESTER, MASS., Oct. 29, 1891.

The undersigned has this day carefully compared the treasurer's statement of expenditures for the year ending Sept. 30, 1891, with the vouchers which are on file at the asylum, also the statement of cash received with the ledger accounts, and found them to be correct.

GEO. L. CLARK,
Auditor of Accounts.

SUPERINTENDENT'S REPORT.

To the Trustees of the Worcester Insane Asylum.

LADIES AND GENTLEMEN: — I beg to present for your consideration the fourteenth annual report of the superintendent of the Worcester Insane Asylum.

Oct. 1, 1890, there remained in the asylum 299 patients, — 196 males and 103 females. There have been admitted 42 males and 123 females, making a total of 464 cases for the year. Of these, 22 males and 12 females have died, and 11 males and 8 females have been discharged, leaving at the end of the official year 411 patients, — 205 males and 206 females. Of those admitted, 65 came from the Worcester Lunatic Hospital, 50 from Westborough, 33 from Danvers and 17 from Taunton. Of the 19 persons discharged, 9 were transferred to the State Farm at Bridgewater, 1 was sent to Danvers, 2 went to the poorhouse, 4 were boarded out in families by the inspector of institutions, 1 went home with her father, 1 went home with her brother, and 1 escaped. From this it will be seen that more than one-half of the discharges for the past year have been transfers to other institutions. One habitual drunkard was transferred to the asylum from Westborough. After being here a few months he was given a trial at home, and, not doing well, was transferred to Bridgewater. The State has acted wisely in making separate provision for this class of cases.

It has been difficult to find those among our number who are suitable for boarding out. Since the asylum receives its patients entirely from other hospitals, a large percentage of its population is of that demented and untidy class, which accumulates in institutions and requires the closest personal

attention, — a class entirely unfit for the poorhouse or for boarding out in families. The occasional recoveries that take place, even among those supposed to be incurable, call attention to the necessity and justice of providing something more than custodial treatment for the chronic insane. While selected cases can undoubtedly be boarded out with profit, in my judgment the association of the insane with the ordinary inmates of an almshouse is productive of evil to both, and is to be tolerated only as a matter of temporary necessity. The care of the insane should be under the direct supervision of the State.

It is of interest to note that heredity is the probable cause in over twenty-five per cent. of the known cases in the admissions for the past year, and intemperance in twenty per cent. Of course any statistics bearing upon the general subject of insanity, and based upon admissions which are selected cases from other hospitals, have not the value of those compiled directly from the general public, but they do have a value as applied to the chronic insane. It is not to be presumed that our cases are selected and sent here because they are intemperate or of insane parentage, but because they are chronic cases, and as such can be reckoned fairly representative of the class. These are the statistics of a single year. In order to generalize still further, I will take the assigned causes of insanity in the admissions to the asylum for thirteen years (over one thousand cases). I find that heredity figured as the probable cause in nearly twenty-two per cent. of the known cases, and intemperance in a little over sixteen per cent. I select these two causes for special investigation and remark, because they include the greater number of those admitted. If the true cause could be ascertained in all cases, it is very probable that a much larger percentage would be found.

Ratio of Deaths from the Opening of the Asylum to Oct. 1, 1891.

OFFICIAL YEAR.	Whole Number of Patients.	Daily Average Number of Patients.	DEATHS.			Per Cent. on Whole Number of Patients Treated.	Per Cent. on Daily Average Number of Patients.
			Males.	Females.	Totals		
1877-78,	429	382.98	18	8	26	6.05	6.78
1878-79,	422	367.41	22	11	33	7.82	8.98
1879-80,	413	363.15	15	8	23	5.56	6.33
1880-81,	401	363.09	18	6	24	5.98	6.62
1881-82,	439	375.59	21	11	32	7.28	8.51
1882-83,	461	384.33	37	24	61	13.23	15.84
1883-84,	438	390.69	22	20	42	9.58	10.75
1884-85,	448	391.12	20	14	34	7.58	8.69
1885-86,	476	400.28	23	15	38	7.98	9.49
1886-87,	444	393.52	21	17	38	8.55	9.65
1887-88,	451	393.95	23	14	37	8.20	9.39
1888-89,	431	385.56	27	11	38	8.81	9.85
1889-90,	428	330.23	27	4	31	7.24	9.38
1890-91,	464	394.66	22	12	34	7.32	8.61

The general health of the house has been good during the past year. No epidemic has visited us, and there has been little acute sickness among patients or employees. Phthisis, as usual, has been the greatest cause of death.

The amount of restraint used is small. This varies a great deal from year to year, in accordance with the character of the transfers. Restraint is resorted to only in cases of extreme destructiveness, or where homicidal tendencies render the patient dangerous to the persons and lives of those around him. We have only one case coming under the latter head, — a small, quiet, inoffensive-looking man, who was once before a patient here. He was not at that time considered especially dangerous. Before his last admission here he made several dangerous assaults, and was brought here in irons. He makes sudden unprovoked and unexpected attacks, and immediately sinks back into his former condition of apathy. Once since being here he has assaulted his attendant. In view of these facts, it has been thought necessary to keep this man in restraint. By this course he is able to go about among the other patients and get out of doors every day, with safety to his associates and benefit to himself. Convenience is never made an excuse for the

employment of restraint. No one is constantly in seclusion, and everyone who is physically able is expected to go out of doors. I have not found it necessary to deprive any patient of out-of-door air and exercise on account of his (or her) mental condition.

Early in November the extensive repairs and alterations of the north Johonnot building, which were undertaken by your Board, in consequence of the fire, were completed to such an extent that patients could again be received and comfortably cared for. The able manner in which the remodelling of these wards has been carried out by my predecessor, Dr. Quinby, has produced very satisfactory results. During a portion of the summer we have had a larger number of patients than ever before since the opening of the asylum. While crowding always brings discomfort and is to be deprecated, no untoward results have followed, and our people have been cared for with even less difficulty than in former years. Crowding always adds something to the amount of restraint used, especially at night, because of the lack of rooms for all excitable cases.

The out-of-door work of the past summer has been of rather a miscellaneous character. Quite a portion of it has consisted in the grading made necessary and desirable by the building operations completed at the beginning of the present year. The change which was made in the lower ward of the north Johonnot added so much to the lighting and ventilation that it was determined to carry the face wall in front further south than at first intended, and give still more sun and air. This has been done, and amply repays the labor. What was formerly the darkest and most undesirable of our wards is now one of the brightest and most pleasant. At the north portico door large stone steps, the cutting of which is wholly the work of patients, have been placed, giving a more finished look to the front of the building, and affording a broader and easier step for aged and feeble patients. The fence along East Central Street has been raised and painted, and the sidewalk brought to grade. The sewers draining the wing and centre of the south side, the administration building and chapel wing, have been excavated, and the old brick structure replaced by large cement pipe. Our location ensures the

most perfect drainage, and it seems probable that little will have to be done in this direction for some years to come. The high-pressure water main which was last year brought into the grounds has been extended, both in front and rear, so that hose can be readily laid to protect any portion of the buildings. One or two more hydrants will be put in as an extra precaution, and stand-pipes carried up inside the house. An outside fire-escape has been added to the north Johonnot wards, and another inside stairway built in the north wing, so that exit to the ground can readily be had from both ends of the ward. The east stairway in the south wing has been carried to the cellar. No ward has now less than two means of communication with the ground, remote from each other, and the Johonnot wards, containing the greater number of patients, have each three. Early in the summer the Hermitage Pond, the source of our water supply, was drained and thoroughly cleaned.

During the winter the bays on the south centres have been completed to correspond with those on the north. The centre wards on either side are now the only ones in the building where any extensive repairs are in progress. It is hoped to complete the south centres during the coming year. As all work must be done from our own resources, the progress will necessarily be slow.

The living-rooms in the laundry building have been occupied during the past year, and are light, dry and well ventilated, — some of the most desirable in the institution.

Patients have been largely employed, as heretofore. While much of the work accomplished is of value to the asylum, it is of far greater value to the patients themselves; and I cannot forbear to repeat what has so often been said in past reports, that suitable occupation is one of the most powerful remedial agencies that can be brought to bear upon a diseased mind. I should like to see every patient in this institution, who is physically able, employed at something. A large percentage is so employed. I have no difficulty whatever in finding something to do for all who can be induced to work. The changes which have been made in our buildings and grounds during these years past have not only given us a more modern and satisfactory institution,

but have given us better and more quiet patients. The general character of our inmates precludes the reasonable expectation of many recoveries, but it does not preclude the possibility of doing much to benefit their condition. If the mind can be awakened and diverted into other and healthier channels, some good has been accomplished, even if a complete recovery does not follow.

The location of the asylum is healthful and pleasant. Patients go on the street, under suitable supervision, frequently, and derive much satisfaction and comfort from it. A few are able to visit town unattended. A little contact with outside life relieves to some extent the feeling of isolation and retirement from the world.

While much remains to be done that can increase its efficiency, the asylum is better equipped than ever before for the care and treatment of its peculiar class of patients; and, when the projected addition to the female side is completed, something will be added to its actual capacity.

The officers of the institution have rendered me cordial assistance and support. The employees, as a rule, have been faithful in the performance of their duties, and at no time has there been any difficulty in procuring sufficient help.

The garden has furnished us an abundant supply of vegetables, contributing in no small way to our sustenance.

Weekly entertainments have been given in the chapel during the winter, and many patients attended the circus and the New England Fair.

The average weekly cost per patient has been \$3.03.

To the publishers of the "Worcester Evening Gazette" we are indebted for a copy of their paper; to the Hospital Newspaper Society for books, pamphlets, magazines and Christmas cards. Members of your Board have made generous contributions of books and papers.

E. V. SCRIBNER,
Superintendent.

REVISED TABLES

FOR

UNIFORM STATISTICS

IN THE

MASSACHUSETTS HOSPITALS AND ASYLUMS

FOR THE INSANE.

APPROVED BY THE STATE BOARD OF LUNACY AND CHARITY,
MARCH 10, 1891.

I. — General Statistics of the Year.

	INSANE.			HABITUAL DRUNKARDS.			VOLUNTARY PATIENTS.			AGGREGATES.		
	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.
Patients in hospital Oct. 1, 1890,	196	103	299	—	—	—	—	—	—	196	103	299
Admitted within the year,	41	123	164	1	—	1	—	—	—	42	123	165
Whole number of cases within the year,	237	226	463	1	—	1	—	—	—	238	226	464
Discharged within the year,	—	—	—	—	—	—	—	—	—	—	—	—
Viz.: as recovered,*	—	—	—	—	—	—	—	—	—	—	—	—
much improved,*	—	1	1	—	—	—	—	—	—	—	1	1
improved,*	—	—	—	—	—	—	—	—	—	—	—	—
not improved,*	10	7	17	1	—	1	—	—	—	11	7	18
not insane,*	—	—	—	—	—	—	—	—	—	—	—	—
Deaths,	22	12	34	—	—	—	—	—	—	22	12	34
Patients remaining Sept. 30, 1891,	205	206	411	—	—	—	—	—	—	205	206	411
Viz.: supported as State patients,	65	52	117	—	—	—	—	—	—	65	52	117
town patients,	140	154	294	—	—	—	—	—	—	140	154	294
private patients,	—	—	—	—	—	—	—	—	—	—	—	—
Number of different persons within the year,	237	226	463	1	—	1	—	—	—	238	226	464
Persons admitted,	41	123	164	1	—	1	—	—	—	42	123	165
Persons recovered,	—	—	—	—	—	—	—	—	—	—	—	—
Daily average number of patients,	208.07	186.59	394.66	—	—	—	—	—	—	—	—	—
Viz.: State patients,	65.60	48.77	114.37	—	—	—	—	—	—	—	—	—
town patients,	142.47	137.82	280.29	—	—	—	—	—	—	—	—	—

* At time of leaving asylum.

2. — *Monthly Admissions, Discharges and Averages.*

MONTHS.	ADMISSIONS.			DISCHARGES.			DEATHS.			DAILY AVERAGE OF PATIENTS IN THE HOUSE.		
	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.
1890.												
October,	—	—	—	2	—	2	2	—	2	193.55	103.	296.55
November,	20	79	99	7	1	8	1	—	1	207.10	172.86	379.96
December,	1	—	1	1	—	1	1	—	1	206.22	181.	387.22
1891.												
January,	—	—	—	3	—	3	2	—	2	203.58	181.	384.58
February,	5	15	20	—	—	—	—	—	—	205.14	187.43	392.57
March,	15	5	20	2	7	9	2	3	5	213.84	196.58	410.42
April,	—	—	—	5	4	9	5	4	9	219.06	192.47	411.53
May,	—	12	12	5	—	5	3	—	3	213.68	197.35	411.03
June,	1	12	13	—	2	2	—	2	2	211.16	204.24	415.40
July,	—	—	—	3	5	8	3	3	6	209.06	209.81	418.87
August,	—	—	—	1	—	1	—	—	—	208.	207.	415.
September,	—	—	—	4	1	5	3	—	3	206.44	206.33	412.77
Total of cases,	42	123	165	33	20	53	22	12	34	—	—	—
Total of persons,	42	123	165	33	20	53	22	12	34	—	—	—
Daily average,	—	—	—	—	—	—	—	—	—	208.07	186.59	394.66

3. — *Received on First and Subsequent Admissions.*

NUMBER OF THE ADMISSION.	CASES ADMITTED.			TIMES PREVIOUSLY RECOVERED.		
	Males.	Females.	Totals.	Males.	Females.	Totals.
First,	40	95	135	—	—	—
Second,	2	26	28	—	—	—
Third,	—	2	2	—	—	—
Total of cases, . . .	42	123	165	—	—	—
Total of persons, . .	42	123	165	—	—	—

4. — *Relations to Hospitals of Persons admitted.*

HOSPITAL RELATIONS.	Males.	Females.	Totals.
Never before in any hospital for insane, .	—	—	—
Former inmates of this asylum only, . .	—	—	—
Former inmates of other hospitals only, .	40	95	135
Former inmates of this asylum and other hospitals,	2	28	30
Total of persons,	42	123	165

5. — *Parentage of Persons admitted.*

PLACES OF NATIVITY.	MALES.		FEMALES.		TOTALS.	
	Father.	Mother.	Father.	Mother.	Father.	Mother.
Massachusetts,	14	14	29	29	43	43
Maine,	—	—	4	4	4	4
New Hampshire, . . .	1	1	4	4	5	5
Vermont,	1	1	—	—	1	1
Rhode Island,	—	—	1	1	1	1
New York,	—	—	1	1	1	1
Virginia,	—	—	1	1	1	1
Wisconsin,	—	—	1	1	1	1
Ireland,	15	15	57	57	72	72
England,	3	3	6	6	9	9
Germany,	3	3	3	3	6	6
Sweden,	—	—	2	2	2	2
Russia,	—	—	2	2	2	2
Prussia,	1	1	—	—	1	1
Italy,	—	—	1	1	1	1
Canada,	2	2	2	2	4	4
Nova Scotia,	—	—	5	5	5	5
New Brunswick, . . .	1	1	—	—	1	1
P. E. Island,	—	—	1	1	1	1
Newfoundland, . . .	—	—	1	1	1	1
Unknown,	1	1	2	2	3	3
Totals,	42	42	123	123	165	165

6. — Residence of Persons admitted.

PLACES.	Males.	Females.	Totals.
Massachusetts :—			
Essex County,	6	2	8
Suffolk County,	14	64	78
Norfolk County,	—	5	5
Middlesex County,	10	25	35
Hampden County,	—	5	5
Worcester County,	11	19	30
Bristol County,	—	1	1
Barnstable County,	—	1	1
Unknown,	1	1	2
Totals,	42	123	165
Viz : Cities or towns,*	33	93	126
country districts,	8	29	37
unknown,	1	1	2

* Containing not less than 10,000 inhabitants.

7. — *Civil Condition of Persons admitted.*

NUMBER OF THE ADMISSION.	UNMARRIED.			MARRIED.			WIDOWED.			UNKNOWN.			TOTALS.		
	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.
First,	22	41	63	13	39	52	3	13	16	2	2	4	40	95	135
Second,	2	12	14	-	11	11	-	2	2	-	1	1	2	26	28
Third,	-	-	-	-	-	-	-	1	1	-	1	1	-	2	2
Totals,	24	53	77	13	50	63	3	16	19	2	4	6	42	123	165

8. — Occupations of Persons admitted.

MALES.		FEMALES.	
Laborers,	9	Housewives,	46
Farmers,	3	Housekeepers,	14
Shoemakers,	3	Domestics,	24
Painters,	2	Teachers,	3
Mill operatives,	2	Mill operatives,	3
Weavers,	2	Weavers,	2
Tailor,	1	Tailoress,	1
Clerk,	1	Clerk,	1
Plumber,	1	Dressmakers,	3
Paper maker,	1	Seamstresses,	3
Glass maker,	1	Attendant,	1
Brass finisher,	1	Peddlers,	2
Foundry operative,	1	Book folder,	1
Plasterer,	1	Washerwoman,	1
Carpenter,	1	No occupation,	12
Mechanic,	1	Unknown,	6
Blacksmith,	1	Total,	123
Lather,	1	WIFE OR DAUGHTER OF	
Cabinet maker,	1	Unknown,	123
Cashier,	1		
Confectioner,	1		
Hoseman (fire department),	1		
Bartender,	1		
No occupation,	2	Total,	123
Unknown,	2		
Total,	42		

9. — Probable Causes of Disease in Persons admitted.

CAUSES.	PATIENTS ADMITTED.						INSANE.						HABITUAL DRUNKARDS.						VOLUNTARY PATIENTS.					
	INSANE.			HABITUAL DRUNKARDS.			VOLUNTARY PATIENTS.			PREVIOUS ATTACKS.			HEREDITARY PREDISPOSITION.			PREVIOUS ATTACKS.			HEREDITARY PREDISPOSITION.			PREVIOUS ATTACKS.		
	Ma.	Fe.	Tot.	Ma.	Fe.	Tot.	Ma.	Fe.	Tot.	Ma.	Fe.	Tot.	Ma.	Fe.	Tot.	Ma.	Fe.	Tot.	Ma.	Fe.	Tot.	Ma.	Fe.	Tot.
1. Physical —																								
Intemperance, . . .	11	9	20	1	—	1	—	—	—	2	—	2	—	—	—	1	—	—	—	—	—	—	—	—
Epilepsy, . . .	—	6	6	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Senility, . . .	—	4	4	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Climacteric, . . .	—	5	5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Puerperal, . . .	—	4	4	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Menstrual, . . .	—	1	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sickness, . . .	—	5	5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Injury to head, . . .	3	2	5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Overwork, . . .	2	2	4	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Syphilis, . . .	1	2	3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Apoplexy, . . .	1	1	2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Typhoid fever, . . .	—	1	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Pneumonia, . . .	—	1	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2. Mental —																								
Hereditary, . . .	5	21	26	—	—	—	—	—	—	4	4	8	5	21	26	—	—	—	—	—	—	—	—	—
Congenital, . . .	1	2	3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Grief, . . .	3	3	6	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Domestic trouble, . . .	—	3	3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Fright, . . .	—	2	2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Nostalgia, . . .	—	2	2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worry, . . .	1	1	2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Disappointment, . . .	—	1	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Imprisonment, . . .	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Not insane, . . .	17	46	63	—	—	—	—	—	—	1	5	6	—	—	—	—	—	—	—	—	—	—	—	—
Unknown, . . .	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Totals, . . .	41	123	164	1	—	1	—	—	—	3	18	21	6	29	35	1	—	—	—	—	—	—	—	—

11. — *Ages of Insane at First Attack, Admission and Death.*

AGES.	PERSONS FIRST ADMITTED TO ANY HOSPITAL.						PERSONS DIED.					
	AT FIRST ATTACK.			WHEN ADMITTED.			AT FIRST ATTACK.			AT TIME OF DEATH.		
	Ma.	Fe.	Tot.	Ma.	Fe.	Tot.	Ma.	Fe.	Tot.	Ma.	Fe.	Tot.
Congenital, . . .	-	-	-	-	-	-	3	1	4	-	-	-
15 years and less, .	-	-	-	-	-	-	1	-	1	-	-	-
From 15 to 20 years,	-	-	-	-	-	-	1	-	1	-	-	-
20 to 25 years,	-	-	-	-	-	-	3	1	4	1	-	1
25 to 30 years,	-	-	-	-	-	-	2	-	2	2	-	2
30 to 35 years,	-	-	-	-	-	-	2	2	4	4	1	5
35 to 40 years,	-	-	-	-	-	-	4	3	7	4	1	5
40 to 50 years,	-	-	-	-	-	-	5	1	6	6	3	9
50 to 60 years,	-	-	-	-	-	-	-	3	3	4	5	9
60 to 70 years,	-	-	-	-	-	-	-	-	-	-	1	1
70 to 80 years,	-	-	-	-	-	-	-	-	-	-	1	1
Over 80 years, . .	-	-	-	-	-	-	-	-	-	1	-	1
Unknown, . . .	-	-	-	-	-	-	1	1	2	-	-	-
Not insane, . . .	-	-	-	-	-	-	-	-	-	-	-	-
Total of persons,	-	-	-	-	-	-	22	12	34	22	12	34
Mean ages, . .	-	-	-	-	-	-	33.05	41.00	35.89	42.29	51.66	45.01

12. — Reported Duration of Disease before Last Admission.

PREVIOUS DURATION.	FIRST ADMISSION TO ANY HOSPITAL.			ALL OTHER AD- MISSIONS.			TOTALS.		
	Ma.	Fe.	Tot.	Ma.	Fe.	Tot.	Ma.	Fe.	Tot.
Congenital,	-	-	-	-	4	4	-	4	4
Under 1 month, . . .	-	-	-	-	-	-	-	-	-
From 1 to 3 months, .	-	-	-	-	-	-	-	-	-
3 to 6 months, .	-	-	-	-	-	-	-	-	-
6 to 12 months, .	-	-	-	-	-	-	-	-	-
1 to 2 years, . . .	-	-	-	2	6	8	2	6	8
2 to 5 years, . . .	-	-	-	9	32	41	9	32	41
5 to 10 years, . .	-	-	-	7	41	48	7	41	48
10 to 20 years, .	-	-	-	17	29	46	17	29	46
Over 20 years,	-	-	-	6	10	16	6	10	16
Unknown,	-	-	-	1	1	2	1	1	2
Not insane,	-	-	-	-	-	-	-	-	-
Total of cases, . . .	-	-	-	42	123	165	42	123	165
Total of persons, . .	-	-	-	42	123	165	42	123	165
Average in years, . .	-	-	-	12.75	9.52	10.27	12.75	9.52	12.72

13. — Form of Mental Disease in Cases admitted or discharged, with Condition on Discharge.

FORM OF DISEASE.	CASES ADMITTED.			CASES DISCHARGED.												AGGREGATE.		
	RECOVERED.			MUCH IMPROVED.			IMPROVED.			NOT IMPROVED.			DIED.			AGGREGATE.		
	Fe.			Fe.			Fe.			Fe.			Fe.			Fe.		
	Ma.	Fe.	Tot.	Ma.	Fe.	Tot.	Ma.	Fe.	Tot.	Ma.	Fe.	Tot.	Ma.	Fe.	Tot.	Ma.	Fe.	Tot.
A. — Insane —																		
Mania, chronic, . . .	13	52	65	—	—	—	—	—	—	9	1	10	4	1	5	13	3	16
Dementia, chronic, . .	26	60	86	—	—	—	—	—	—	—	6	6	12	9	21	12	15	27
Epilepsy, . . .	—	7	7	—	—	—	—	—	—	1	—	1	1	—	1	2	—	2
Idiocy, . . .	—	2	2	—	—	—	—	—	—	—	—	—	1	—	1	1	—	1
Paresis, . . .	2	2	4	—	—	—	—	—	—	—	—	—	4	2	6	4	2	6
B. — Habitual drunkards, .	1	—	1	—	—	—	—	—	—	1	—	1	—	—	—	1	—	1
C. — Voluntary patients, .	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total of cases, . . .	42	123	165	—	—	—	—	—	—	11	7	18	22	12	34	33	20	53
Total of persons, . . .	42	123	165	—	—	—	—	—	—	11	7	18	22	12	34	33	20	53

14. — Discharges, classified by Admission and Result.

NUMBER OF THE ADMISSION.	RECOVERED.			MUCH IMPROVED.			IMPROVED.			NOT IMPROVED.			DIED.			NOT INSANE.			TOTALS.		
	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.
First,	—	—	—	—	1	1	—	—	—	11	6	17	22	10	32	—	—	—	33	17	50
Second,	—	—	—	—	—	—	—	—	—	—	1	1	—	2	2	—	—	—	—	3	3
Total of cases,	—	—	—	—	1	1	—	—	—	11	7	18	22	12	34	—	—	—	33	20	53
Total of persons,	—	—	—	—	1	1	—	—	—	11	7	18	22	12	34	—	—	—	33	20	53

16. — Recoveries, classified by Duration of Disease and of Treatment.

PERIOD.	LAST ATTACK.						ALL ATTACKS.					
	DURATION BEFORE ADMISSION.			HOSPITAL RESIDENCE.			WHOLE DURATION FROM THE ATTACK.			WHOLE KNOWN PERIOD OF MENTAL DISEASE.		
	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.
A — Insane —												
Congenital,												
Under 1 month,												
From 1 to 3 months,												
3 to 6 months,												
6 to 12 months,												
1 to 2 years,												
2 to 5 years,												
5 to 10 years,												
10 to 20 years,												
Over 20 years,												
Unknown,												
Totals,												
Average of known cases (in months),												
B — Habitual drunkards,												
C — Voluntary patients,												

* Whether in this or in other institutions.

18. — *Annual Admissions, etc. — Concluded.*

YEARS ENDING SEPT. 30.	READMITTED CASES. (RE-ADMISSIONS OF PERSONS PREVIOUSLY ADMITTED TO THIS ASYLUM.)															REMAINING OF EACH YEAR'S ADMISSIONS SEPT. 30, 1891.		
	ADMITTED.			DISCHARGED AND DIED IN 1890-91.												Males.	Females.	Totals.
				RECOVERED.			MUCH IMPROVED.			IMPROVED.			NOT IMPROVED.						DIED.
	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.
Previous years, .	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1883, .	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-	61	63	124
1884, .	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8	4	12
1885, .	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	11	3	14
1886, .	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	11	16
1887, .	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	16	4	20
1888, .	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	12	3	15
1889, .	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	18	6	24
1890, .	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	20	1	21
1891, .	2	28	30	-	-	-	-	-	-	-	-	-	-	-	-	19	2	21
Totals, .	3	30	33	-	-	-	-	-	-	-	-	-	-	-	-	205	206	411

